Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	10/23/2019 10/23/2019	David Julian

LM Start		Rating **	Α	Issue No.		3	
LM End		Issue Type +	Ma	Location *			
Category	Earthen L	evee		GPS La	atituc	le/Longitude	
Calegory				Start		End	
Item	Emergency Supplies & Equipment				0		0
item					0		0
DWR ID	ID DWR_RD0349_01_f _ 2014_3						
		Comn	nent Cod	de			
Inspector Comment							
District does have some supplies including sand, sand bags, and stakes.							

No Photos

LM Start		Rating **	Α	Issue No.		4	
LM End		Issue Type +	Ma	Location *			
Category	Earthen Levee			GPS Latitude/Longitude			
Category						End	
Item		s & Maintena	nce		0		0
пеш	Manuals				0		0
DWR ID DWR_RD0349_01_f _ 2014_4							
	Comment Code						
		Inspecto	or Comm	nent			
RD 349 has O&M Manual on hand.							

No Photos

LM Start		Rating **	М	Issue No.		14	
LM End		Issue Type +	Ма	Location *			
Category Earthen Levee			GPS La	atitud	de/Longitude		
Calegory				Start		End	
Flood Preparedness & Training					0		0
item					0		0
DWR ID	DWR_RD0	349_01_f _ 201	4_14				
		Comn	nent Cod	le			
		Inspecto	or Comm	ent			
LMA has not taken flood fight training in the past couple of years.							

No Photos

* Location LS : Land Side N/A: Not Applicable WS: Water Side

Monday, December 23, 2019 14:51

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	10/23/2019 10/23/2019	David Julian

LM Start	0.01	Rating **	A/W	Issue No.	9		
LM End	0.10	Issue Type +	Ma	Location *	WS		
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	2017 USACE Erosion Survey			38.32699	96 °	38.325798°	
item				-121.57655	57°	-121.577027°	
DWR ID	DWR_RD0349_01_f _ 2018_9						
Comment Code							

Inspector Comment

2017 Site ID: SAC 33.9 R

Status: Critical

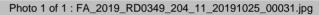
2017 Field Notes: New erosion pocket. Tree roots propped up with junk. Tree likely to fall and house to come tumbling after. Upgraded to critical.

Site History: 2015 - Erosion observed at the toe.

LM Start	0.14	Rating **	U	Issue No.	11		
LM End	0.27	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	- 901y					End	
Item	Vegetation			38.3252	85°	38.323375 °	
item				-121.5774	62°	-121.578003 °	
DWR ID DWR_RD0349_01_f _ 2019_11							
Comment Code							

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



No Photos



View looking downstream at thick vegetation on the landside slope (Fall 2019).

LM Start	0.38	Rating **	М	Issue No.	21		_
LM End	0.76	Issue Type +	Ма	Location *	LS		
Cotogony	GPS Latitude/Longitude						
Category				Start		End	
Itom	ltem Vegetation				o°	38.316335	0
пеш					o°	-121.579148	0
DWR ID	DWR_RD0	349_01_f _ 201	9_21				
Comment Code							

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	10/23/2019 10/23/2019	David Julian

LM Start	0.47	Rating **	М	Issue No.	22		
LM End	1.44	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetatio	n		38.320520 °		38.307013 °	
item				-121.5786)5°	-121.575518 °	
DWR ID DWR_RD0349_01_f _ 2017_22							
Comment Code							
1/2 . Dama	مانيد مطه ميد	d arouth other	than no	tive areas		m the leves	

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	0.62	Rating **	С	Issue No.	30	
LM End	0.62	Issue Type +	Ma	Location *	LS	
Category	evee	GPS Latitude/Longitude				
Category				Start End		End
, Vegetation			38.3183	92 °	38.318392°	
item	ltem				87°	-121.578987°
DWR ID DWR_RD0349_01_f _ 2018_30						
Comment Code						

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	0.76	Rating **	U	Issue No.		23	
LM End	1.08	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory		Start		End			
Vegetation Item				38.3163	37°	38.311837	0
item		-121.5791	47°	-121.578378	0		
DWR ID	DWR_RD0	349_01_f _ 201	9_23				

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View looking downstream at thick vegetation on the landside slope (Fall 2019).

* Location LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type Ma: Maintenance Deficiancy Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	10/23/2019 10/23/2019	David Julian

LM Start	0.89	Rating **	M	Issue No.		38
LM End	0.89	Issue Type +	Ма	Location *	WS	
Category Earthen Levee				GPS La	titud	e/Longitude
Category			Start		End	
Trim / Thin Trees			38.314548°		38.314548 °	
пеш				-121.57909	98°	-121.579098 °
DWR ID	DWR_RD0	349_01_f _ 201	8_38			
Comment Code						
T1 : Trim trees to at least five feet above ground level.						

Inspector Comment

No Photos

LM Start	0.92	Rating **	С	Issue No.		37	
LM End	0.92	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Trim / Thi		38.314080°		38.314080°		
пеш			-121.579002 °		-121.579002°		
DWR ID	DWR ID DWR_RD0349_01_f _ 2018_37						
Comment Code							

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	0.97	Rating **	С	Issue No.	35		
LM End	0.97	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Lat	itud	e/Longitude	
Calegory		Start		End			
Item	Vegetation			38.31338	0°	38.313380	٥
Item		-121.57886	0°	-121.578860	٥		
DWR ID	DWR_RD0	349_01_f _ 201	8_35				
Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove vegetation from the landside toe.

No Photos

* Location LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

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Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	10/23/2019 10/23/2019	David Julian

LM Start	1.00	Rating **	М	Issue No.	15			
LM End	1.06	Issue Type +	Ма	Location *				
Category	ental	GPS Latitude/Longitude						
Category			Start		End			
ltom	Item 2017 Storm Damage			38.31291	1 °	38.312131 °		
пеш				-121.57852	28°	-121.578292°		
DWR ID	LMA-145							
	Comment Code							

Inspector Comment

Levee Evaluation Comments

Description:District Station 52+92 to 55+88, Sec. 06, T. 5 N. R. 4 E., M.D.M. Approximately 296 linear-feet of eroded area exists along the waterside levee slope of the Sacramento River (Unit 1). Erosion commences at approximately 3/4 of the way down the slope from the crown and extends into the rip rap. Some rip rap has been pulled off in this section.

Site ID No:318

Site Designation:LMA-145 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017

Notes: slope too steep, vegetation too thick for clear inspection, no

direct visual of damage



Waterside erosion at LM 1.02.

LM Start	1.14 Rating ***		IVI	issue ivo.		24		
LM End	1.14	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory			Start		End			
Trim / Thin Trees			38.31099	92°	38.310992	0		
item				-121.57805	50°	-121.578050	0	
DWR ID DWR_RD0349_01_s _ 2018_24								
Comment Code								

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location

LS: Land Side N/A: Not Applicable
WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	10/23/2019 10/23/2019	David Julian

LM Start	1.15	Rating **	U	Issue No.	25		
LM End	1.20	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
ltom	, Vegetation			38.3107	85 °	38.310123	٥
Item				-121.5779	63 °	-121.577590	0
DWR ID DWR_RD0349_01_f _ 2019_25							
Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



View looking downstream at vegetation on the landside slope (Fall 2019).

LM Start	1.20	Rating **	С	Issue No.		29	
LM End	1.21	Issue Type +	Ма	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Calegory			Start		End		
Vegetation Item				38.3101	10°	38.309955 °	
item			-121.5776	08°	-121.577495°		
DWR ID DWR_RD0349_01_f _ 2017_29							

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	1.40	Rating **	М	Issue No.	36			
LM End	1.40	Issue Type +	Ma	Location *	LS			
Category	Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Itom	ltem Encroachments			38.3075	53°	38.307553°		
item				-121.575848 °		-121.575848°		
DWR ID DWR_RD0349_01_f _ 2018_36								
Comment Code								

TR: Tree or limb

Inspector Comment



View of fallen tree limb on the landside toe (November 2018).

* Location N/A: Not Applicable LS: Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	10/23/2019 10/23/2019	David Julian

1.45	Rating **	U	Issue No.		16		
1.45	Issue Type +	Ma	Location *		WS		
Category Earthen Levee					le/Longitude		
		Start		End			
Trim / Thin Trees					38.306995 °		
item				32 °	-121.575432°		
DWR ID DWR_RD0349_01_s _ 2019_16							
	Comn	nent Cod	le				
rees to at I	east five feet	above g	round level.				
	Inspecto	or Comm	ent				
	1.45 Earthen L Trim / Thin	1.45 Issue Type + Earthen Levee Trim / Thin Trees DWR_RD0349_01_s _ 201 Comn rees to at least five feet	1.45 Issue Type + Ma Earthen Levee Trim / Thin Trees DWR_RD0349_01_s _ 2019_16 Comment Cocrees to at least five feet above green	1.45 Issue Type + Ma Location * Earthen Levee GPS La Start Trim / Thin Trees 38.3069 -121.5754: DWR_RD0349_01_s _ 2019_16 Comment Code	1.45 Issue Type + Ma Location * Earthen Levee GPS Latitud Start Trim / Thin Trees 38.306995 -121.575432 DWR_RD0349_01_s _ 2019_16 Comment Code rees to at least five feet above ground level.		



View of thick trees on the waterside slope (Spring 2019).

LM Start	1.54	Rating **	U	Issue No.		34	
LM End	1.58	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start End			
Item	Vegetatio	n		38.3057	72 °	38.305252°	
пеш				-121.5747	63 °	-121.574791 °	
DWR ID DWR_RD0349_01_f _ 2017_34							

Comment Code

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Arundo completely blocks visibility and access to waterside of levee.

Photo 1 of 1 : FA_2019_RD0349_204_34_20190826_00010.jpg



View of arundo on the waterside of levee

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	0.04	Rating **	С	Issue No.		44		
LM End	0.08	Issue Type +	Ma	Location *	WS			
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory	Category			Start	End			
Item	Vegetatio	n		38.3048	77°	38.304719°		
пеш				-121.57538	84 °	-121.576083 °		
DWR ID	DWR_RD0349_02_f _ 2017_44							
	Comment Code							

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Waterside vegetation should be removed or thinned to 20 feet from crown to allow inspection and access.

Photo 1 of 1 : FA_2019_RD0349_205_32_20191025_00118.jpg

No Photos



View looking downstream at vegetation on the landside slope (Fall 2019).

LM Start	0.16	Rating **	M	Issue No.	32		
LM End	0.20	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start End			
Item	Vegetatio	n		38.3040	90°	38.303715°	
пеш			-121.5773	10°	-121.577852°		
DWR ID	DWR_RD0349_02_f _ 2019_32						

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

LM Start	0.20	Rating **	С	Issue No.		38		
LM End	0.20	Issue Type +	Ma	Location *		LS		
Catagory	Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Item	Encroachments		38.3037	15°	38.303715	0		
item				-121.5777	95°	-121.577795	0	
DWR ID	DWR_RD0	349_02_s _ 201	9_38					
Comment Code								
TD T							_	

TR: Tree or limb

Inspector Comment

No Photos

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

** Rating

A: Acceptable N: Not Inspected/Rated Ob: Design & System Obsolescence

A: Acceptable N: Not Inspected/Rated Ob: Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	0.25	Rating **	М	Issue No.		75	
LM End	0.25	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachi	ments		38.3033	17°	38.303317°	
пеш			-121.578673 °		-121.578673°		
DWR ID	DWR_RD0	349_02_f _ 201	8_75				
		Comn	nent Cod	de			
TR : Tree of	or limb						
Inspector Comment							
Remove downed tree from the landside slope.							



View of downed tree on the landside slope (November 2018).

LM Start	0.28	Rating **	М	Issue No.		33	
LM End	0.49	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	titud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.3031	03°	38.300388 °	
item	1		-121.5790	80°	-121.580895 °		
DWR ID DWR_RD0349_02_f _ 2019_33							
	Comment Code						

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	0.40	Rating **	М	Issue No.		74	
LM End	0.42	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS Latitude/Longit			
Calegory		S		Start		End	
Item	Trim / Thi	n Trees		38.3016	73°	38.301347	0
item				-121.5803	85°	-121.580522	0
DWR ID	DWR_RD0	349_02_f _ 201	8_74				
		Comn	nent Cod	le			

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

* Location LS : Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	0.60	Rating **	М	Issue No.		28
LM End	0.72	Issue Type +	Ma	Location *	WS	
Category			GPS Latitude/Longitude			
Calegory				Start	End	
Item	2017 USA	CE Erosion S	Survey	38.2988	97°	38.297384°
пеш				-121.5815	71 °	-121.582176 °
DWR ID DWR_RD0349_02_f _ 2018_28						
	Comment Code					

Inspector Comment

2017 Site ID: STM 25.5 R

Status: Eroding

2017 Field Notes: No observed change.

Site History: 2010 - Small maintenance, erosion into the toe. 2011 - Minor new erosion at toe. 2015 - Minor new erosion at toe, new tree

pop-out. 2016 - Fresh scarp at downstream end.



USACE 2013 Photo #1

LM Start	0.64	Rating **	M	Issue No.		54	
LM End	0.70	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
ltem Encroachments			38.2984	60°	38.297588 °		
item				-121.5821	15 °	-121.582402°	
DWR ID DWR_RD0349_02_s _ 2019_54							
Comment Code							

TR : Tree or limb

Inspector Comment

No Photos

Monday, December 23, 2019 14:52

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	0.68	Rating **	U	Issue No.		78
LM End	0.75	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory	ory			Start		End
ltom	Vegetation			38.2979	42 °	38.296947°
item	Item				38°	-121.582478 °
DWR ID DWR_RD0349_02_f _ 2019_78						
		Comn	nent Coo	de		

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



View looking downstream at thick vegetation on the landside slope (Fall 2019).

LM Start	0.81	Rating **	М	Issue No.	105	
LM End	0.81	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Trim / Thi	n Trees		38.2960	73°	38.296073°
item				-121.5827	65 °	-121.582765 °
DWR ID DWR_RD0349_02_f _ 2019_105						
Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	0.87	Rating **	U	Issue No.	71	
LM End	0.87	Issue Type +	Ma	Location *	WS	
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Vegetation			38.2952	42 °	38.295190°
item				-121.5830	43 °	-121.583095 °
DWR ID DWR_RD0349_02_f _ 2018_71						
	Comment Code					

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove arundo from the waterside slope.



View looking upstream at arundo on the waterside slope (Fall 2019).

* Location

N/A: Not Applicable LS: Land Side

WS: Water Side CR : Crown

U : Unacceptable

: Acceptable : Minimally Acceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	0.91	Rating **	С	Issue No.		55
LM End	2.10	Issue Type +	Ma	Location *	WS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End	
Item	Vegetation			38.294642 °		38.279207°
пеш				-121.5832	32 °	-121.589805 °
DWR ID DWR_RD0349_02_f _ 2018_55					·	
	Comment Code					

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

No Photos

LM Start	0.92	Rating **	M	Issue No.		106
LM End	1.01	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Vegetatio	Vegetation			62°	38.293240°
пеш				-121.5833	15°	-121.583625°
DWR ID	DWR_RD0	349_02_f _ 201	9_106			·

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

LM Start	0.93	Rating **	С	Issue No.		7		
LM End	0.93	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Encroachi	ments		38.29438	5°	38.294385 °	5	
item				-121.58335	1°	-121.583351 °	5	
DWR ID	DWR_RD0	349_02_f _ 201	7_7					
		Cama	ant Car	ام				

TR : Tree or limb

Inspector Comment

Fallen tree has been removed from road, but currently obstructs visibility and access to landside slope. Smaller branches/foliage are stacked along both roadway shoulders. All debris should be removed from levee.

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	1.06	Rating **	М	Issue No.	69		
LM End	1.29	Issue Type +	Ma	Location *		LS	
Earthen Levee			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	Vegetation			38.292575 °		38.289203°	
пеш				-121.583847 °		-121.584050°	
DWR ID	DWR_RD0	349_02_f _ 201	8_69				
		Comn	nent Cod	de			
V2 : Remove the wild growth other than native grasses from the levee slopes.							
Inspector Comment							

No Photos

Issue No. 1.15 Rating ** С 79 LM Start 1.18 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.291302° 38.290855 Item -121.584145 ° -121.584142 ° DWR_RD0349_02_s _ 2019_79 DWR ID Comment Code

No Photos

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Wild growth is blocking the view of waterside slope.

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	1.33	Rating **	М	Issue No.	e No. 40		
LM End	1.49	Issue Type +	Ma	Location *			
Supplemental Supplemental				GPS Latitude/Longitude			
Calegory	gory				Start Er		
Item	2017 Stor	m Damage		38.2887	27°	38.286475 °	
пеш				-121.5838	23 °	-121.585026 °	
DWR ID	DWR ID DWR_RD0349_02_s_2012_28						
Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:66

Site Designation:DWR_RD0349_02_s_2012_28

Repair Type: Erosion Rating:Area of Concern Field Date:6/7/2017

Notes: dense vegetation and large trees hindered visibility; slope riprap

appeared failing in some parts

LM Start	1.33	Rating **	М	Issue No.	40 (cont)
LM End	1.49	Issue Type +	Ma	Location *	

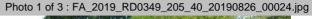




Photo 2 of 3: FA_2019_RD0349_205_40_20190826_00025.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	1.33	Rating **	М	Issue No. 40 (cont)		
LM End	1.49	Issue Type +	Ma	Location *		
Category	ental	GPS Latitude/Longitude				
Calegory	gory					End
Item	2017 Stor	38.2887	27°	38.286475°		
пеш			-121.5838	23 °	-121.585026°	
DWR ID DWR_RD0349_02_s_2012_28						
Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:66

Site Designation: DWR RD0349 02 s 2012 28

Repair Type: Erosion Rating:Area of Concern Field Date:6/7/2017

Notes: dense vegetation and large trees hindered visibility; slope riprap

appeared failing in some parts



LM Start	1.33	Rating **	A/W	/ Issue No. 27				
LM End	1.49	Issue Type +	Ma	Location *	WS			
Category	ental	GPS Latitude/Longitude						
Calegory				Start		End		
Item	2017 USA	CE Erosion S	Survey	38.2887	27°	38.286475°		
пеш				-121.5838	23°	-121.585026°		
DWR ID DWR_RD0349_02_f _ 2018_27								
Comment Code								

Inspector Comment 2017 Site ID: STM 24.7 R

Status: Critical

2017 Field Notes: No observed change.

Site History: 1997 - Erosion of very sandy levee behind large stand of riparian vegetation on top right bank. Dry ravel of sand. 1999 - Quarry waste rock was dumped down the levee slope; poor repair job; still eroding in places. Eroding at midslope off fabric. 2005 - Length revised, only the middle 150 - 200 ft are eroding. 2006 - Some rock/small material dumped down the bank but it is slowly unraveling. Upstream end is unraveling faster. Steep slope with poor gradation so fines are washing out. 2010 - Lots of overhanging trees and erosion pockets. 2011 - This site is upgraded to CRITICAL. Near vertical bank at the downstream end. New erosion at various locations throughout the site.

Photo 1 of 1: FA_2019_RD0349_205_27_20190826_00012.jpg



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	1.38	Rating **	M	Issue No.		107		
LM End	1.59	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	า		38.2879	63°	38.285817°		
пеш				-121.5841	00°	-121.586653°		
DWR ID	DWR_RD0	349_02_f _ 201	9_107					
		Comn	nent Coc	de				
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	oes :	and		
easements	3.							
Inspector Comment								

No Photos

LM Start	1.46	Rating **	A/W	Issue No.		34
LM End	1.46	Issue Type +	Ma	Location *		
Category	Supplemental					de/Longitude
Calegory				Start		End
Item	2017 Stor	38.2868	36°	38.286861 °		
пеш				-121.5845	39°	-121.584622 °
DWR ID	LMA-149					

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: District Station 77+56 to 77+68, Sec. 18, T. 5 N. R. 4 E., M.D.M. Approximately 12 linear feet of erosion/sloughing exists along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately halfway down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:322

Site Designation:LMA-149 Repair Type: Erosion Rating:Area of Concern

Field Date:7/28/2017 Notes: no berm

Photo 1 of 3: FA_2019_RD0349_205_34_20190826_00016.jpg



LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	1.46 Rating ** A/W			Issue No.	34 (cont)		
LM End	1.46	Issue Type +	Ma	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory			Start		End		
Item	2017 Stor	m Damage		38.28688	6°	38.286861 °	
пеш				-121.58458	9°	-121.584622°	
DWR ID	D LMA-149						
Comment Code							

Inspector Comment

Levee Evaluation Comments

Description:District Station 77+56 to 77+68, Sec. 18, T. 5 N. R. 4 E., M.D.M. Approximately 12 linear feet of erosion/sloughing exists along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately halfway down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:322

Site Designation:LMA-149 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: no berm

LM Start	1.46	Rating **	A/W	Issue No.	34 (cont)
LM End	1.46	Issue Type +	Ma	Location *	



Photo 3 of 3: FA_2019_RD0349_205_34_20190826_00018.jpg



Acceptable N Minimally Acceptable C

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	1.48	Rating **	A/W	Issue No.	37		
LM End	1.49	Issue Type +	Ma	Location *			
Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item	2017 Stor	m Damage		38.2867	08°	38.286569°	
item				-121.58483	39°	-121.585042°	
DWR ID	LMA-150						
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:District Station 78+51 to 79+28, Sec. 18, T. 5 N. R. 4 E., M.D.M. Approximately 77 linear feet of erosion and scour exist along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately halfway down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:323

Site Designation:LMA-150 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: no berm

LM Start	1.48	Rating **	A/W	Issue No.	37 (cont)
LM End	1.49	Issue Type +	Ma	Location *	



Photo 2 of 2: FA_2019_RD0349_205_37_20190826_00023.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	1.67	Rating **	М	Issue No.		108
LM End	1.71	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS La	atitud	e/Longitude	
Category	Category					End
Item	Vegetatio	'egetation			93°	38.284695 °
пеш				-121.587790°		-121.588297°
DWR ID	DWR_RD0	349_02_f _ 201	9_108			
		Comn	nent Cod	de		
V1 : Contre easements		grass and wee	eds on th	e levee slo	pes a	and
		Inspecto	or Comm	nent		

No Photos

LM Start	1.67	Rating **	М	Issue No.		111	
LM End	1.67	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.2850	60°	38.285060 °	
пеш				-121.5877	72 °	-121.587772°	
DWR ID	R ID DWR_RD0349_02_f _ 2019_111						
	Comment Code						

No Photos

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

LM Start	1.73	Rating **	М	Issue No.		51		
LM End	1.73	Issue Type +	Issue Type + Ma Location *		WS			
Category	Category Earthen Levee				GPS Latitude/Longitude			
Calegory	gory			Start		End		
Item	Trim / Thin Trees			38.2844	10°	38.284410	0	
item				-121.5885	52°	-121.588552	0	
DWR ID	DWR_RD0	349_02_f _ 201	9_51					
		Comn	nent Cod	de				

No Photos

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

* Location LS : Land Side N/A : Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	1.81	Rating **	M	Issue No.		56	
LM End	1.94	Issue Type +	Ma	Location *		LS	
Catagory	Earthen Levee			GPS Latitude/Longitude			
Calegory	Sity			Start		End	
Item	Vegetatio	n		38.2834	58°	38.281525	0
пеш				-121.5892	40°	-121.589685	0
DWR ID	DWR_RD0	349_02_f _ 201	8_56				
		Comn	nent Cod	de			

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	1.84	Rating **	M	Issue No.		88
LM End	1.94	Issue Type +	Ма	Location *		WS
Category	Earthen L	GPS Latitude/Longitude				
Calegory	gory			Start		End
Item	Vegetatio	n		38.2830	35°	38.281507°
пеш				-121.5893	88°	-121.589628°
DWR ID	DWR_RD0	349_02_s _ 201	9_88			

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	2.04	Rating **	М	Issue No.		26	
LM End	2.05	Issue Type +	Ма	Location *		WS	
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	2017 USA	CE Erosion S	Survey	38.2800	69°	38.279919 °	
item				-121.5894	43°	-121.589438 °	
DWR ID	DWR_RD0	349_02_f _ 201	8_26			·	

Inspector Comment

Comment Code

2017 Site ID: STM 24.1 R

Status: Eroding

2017 Field Notes: No observed change.

Site History: 2011 - Small scallop caused by erosion and wave wash.



Photo 1 of 1: FA_2019_RD0349_205_26_20190826_00011.jpg

USACE 2013 Photo #1

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

**Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain

**Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	2.05	Rating **	С	Issue No.		90	
LM End	2.05	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	Vegetation				38.279943°	
пеш				-121.5896	13°	-121.589613 °	
DWR ID	DWR_RD0	349_02_s _ 201	9_90				
		Comn	nent Cod	le			
V2 : Remove the wild growth other than native grasses from the levee slopes.							
	Inspector Comment						

No Photos

Issue No. Rating ** С 2.10 91 LM Start 2.10 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.279317° 38.279317° Item -121.589727 ° -121.589727° DWR_RD0349_02_s _ 2019_91 DWR ID Comment Code

No Photos

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the wild growth on the waterside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	2.11	Rating **	A/W	Issue No.		41
LM End	2.13	Issue Type +	Ма	Location *		
Category	Supplemental Supplemental			GPS Latitude/Longitude		
Calegory				Start		End
Item	2017 Storm Damage			38.2790	39°	38.278806°
пеш				-121.5896	64°	-121.589783°
DWR ID	LMA-151					

Inspector Comment

Comment Code

Levee Evaluation Comments

Description:District Station 112+11 to 113+04, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 93 linear feet of erosion exists along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:324

Site Designation:LMA-151 Repair Type: Erosion Rating:Serious Field Date:7/28/2017

Notes: no berm

LM Start	2.11	Rating **	A/W	Issue No.	41 (cont)
LM End	2.13	Issue Type +	Ma	Location *	



Photo 2 of 3: FA_2019_RD0349_205_41_20190826_00028.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	2.11	Rating **	A/W	Issue No.		41 (cont)
LM End	2.13	Issue Type +	Ма	Location *		
Category	Supplemental			GPS Latitude/Longitude		
Calegory			Start		End	
Item	2017 Stor	m Damage		38.27903	9°	38.278806°
пеш				-121.58966	4 °	-121.589783°
DWR ID	LMA-151					

Comment Code

Inspector Comment Levee Evaluation Comments

Description:District Station 112+11 to 113+04, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 93 linear feet of erosion exists along the water

side slope of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:324

Site Designation:LMA-151 Repair Type: Erosion Rating:Serious Field Date:7/28/2017

Notes: no berm



LM Start	2.11	Rating **	A/W	Issue No.		25					
LM End	2.14	Issue Type +	Ма	Location *		WS					
Category	GPS Latitude/Longitude										
Calegory		Start		End							
Item	2017 USA	CE Erosion S	Survey	38.2790	17°	38.278597	0				
пеш				-121.5896	15 °	-121.589854	0				
DWR ID DWR_RD0349_02_f _ 2018_25											
	Comment Code										

Inspector Comment

2017 Site ID: STM 23.9 R

Status: Eroding

2017 Field Notes: No observed change.

Site History: 1997 - Top right bank has retreated into the levee. Site is between two rock sites. 1999 - Downstream half of the reach repaired with rock. 2000 - Trees leaning into the water. 2010 - Site appears worse. 2011 - New erosion at the toe. 2013 - Short vertical sections observed at upstream end. 2015 - Minor new erosion.

Photo 1 of 1: FA_2019_RD0349_205_25_20190826_00010.jpg



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	2.29	Rating **	С	Issue No.		92	
LM End	2.30	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Category					End	
Item	Vegetatio	n		38.2768	30°	38.276673°	
пеш				-121.5913	78°	-121.591467°	
DWR ID DWR_RD0349_02_s _ 2019_92							
	Comment Code						
					-		

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the wild growth on the waterside slope.

Photo 1 of 1: FA_2019_RD0349_205_60_20191025_00129.jpg

No Photos



View looking upstream at arundo on the landside slope (Fall 2019).

LM Start	2.37	Rating **	U	Issue No.		60	
LM End	2.39	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.2757	13°	38.275435°	
пеш				-121.5913	69°	-121.591177°	
DWR ID DWR_RD0349_02_f _ 2017_60							
Comment Code							

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Arundo

* Location

LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	2.43	Rating **	A/W	Issue No.		42	
LM End	2.44	Issue Type +	Ma	Location *			
Category	Supplemental				atitud	e/Longitude	
Calegory				Start		End	
Item	2017 Stor	m Damage		38.2751	31 °	38.275036 °	
пеш				-121.5905	94°	-121.590461 °	
DWR ID	DWR ID LMA-152						

Comment Code

Inspector Comment Levee Evaluation Comments

Description: District Station 128+76 to 129+27, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 51 linear feet of erosion exists along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:325

Site Designation:LMA-152 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017

Notes: acess very difficult, steep slope, dense brush

LM Start	2.43	Rating **	A/W	Issue No.	42 (cont)
LM End	2.44	Issue Type +	Ma	Location *	



Photo 2 of 2: FA_2019_RD0349_205_42_20190826_00031.jpg



N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	2.46	Rating **	M	Issue No.		48			
LM End	2.88	Issue Type +	Ma	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Category				Start		End			
Item	Vegetatio	n		38.2747	'10 °	38.269260 °			
item				-121.589705 °					
DWR ID	DWR_RD0	349_02_f _ 201	9_48						
		Comn	nent Cod	de					
V1 : Contro easements		rass and wee	ds on th	e levee slo	pes a	and			
	Inspector Comment								

No Photos

LM Start	2.56	Rating **	A/W	Issue No.	24		
LM End	2.69	Issue Type +	Ma	Location *	WS		
Supplemental				GPS La	tituc	le/Longitude	
Category				Start		End	
Item	2017 USA	CE Erosion S	Survey	38.2738	54°	38.271998°	
item				-121.58874	15 °	-121.589424°	
DWR ID DWR_RD0349_02_f _ 2018_24							
Comment Code							

Inspector Comment

2017 Site ID: STM 23.6 R

Status: Eroding

2017 Field Notes: Previously observed quarry stone at the downstream

end is now gone. Significant erosion at upstream end. Fresh

sedimentation on the downstream end.

Site History: 2011 - Toe scour at the tidal zone. 2015 - New tree popout and minor new erosion. 2016 - New erosion at upstream end.

Photo 1 of 2: FA_2019_RD0349_205_24_20190826_00008.jpg



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	2.56	Rating **	A/W	Issue No.	24 (cont)		
LM End	2.69	Issue Type +	Ma	Location *	WS		
Supplemental				GPS Latitude/Longitude			
Category				Start End			
Item	2017 USA	CE Erosion S	Survey	38.2738	54°	38.271998°	
пеш						-121.589424°	
DWR ID DWR_RD0349_02_f _ 2018_24							
	Comment Code						

Inspector Comment

2017 Site ID: STM 23.6 R

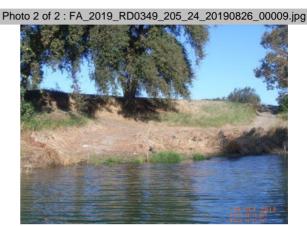
Status: Eroding

2017 Field Notes: Previously observed quarry stone at the downstream

end is now gone. Significant erosion at upstream end. Fresh

sedimentation on the downstream end.

Site History: 2011 - Toe scour at the tidal zone. 2015 - New tree popout and minor new erosion. 2016 - New erosion at upstream end.



USACE 2013 Photo #2

LM Start	2.56	Rating **	A/W	Issue No.	43		
LM End	2.59	Issue Type +	Ma	Location *			
Category				GPS Latitude/Longitude			
Category	Category					End	
Item	2017 Stor	m Damage		38.2737	69°	38.273386°	
пеш				-121.5887	42 °	-121.588672 °	
DWR ID	DWR ID LMA-153						
Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: District Station 135+81 to 137+00, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 119 linear feet of sloughing exists due to scour along the water side toe of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe. No rip rap is visible in this area.

Site ID No:326

Site Designation:LMA-153 Repair Type: Erosion Rating: Area of Concern Field Date:7/28/2017 Notes: no berm

Photo 1 of 3: FA_2019_RD0349_205_43_20190826_00032.jpg



Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	2.56	Rating **	A/W	Issue No.	43 (cont)		
LM End	2.59	Issue Type +	Ma	Location *			
Supplemental				GPS Latitude/Longitude			
Category				Start		End	
Item	2017 Stor	m Damage		38.2737	69°	38.273386°	
item			-121.5887	42 °	-121.588672°		
DWR ID	DWR ID LMA-153						
Comment Code							

Inspector Comment

Levee Evaluation Comments Description: District Station 135+81 to 137+00, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 119 linear feet of sloughing exists due to scour

along the water side toe of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe. No rip rap is visible in this area.

Site ID No:326

Notes: no berm

Site Designation:LMA-153 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017

LM Start	2.56	Rating **	A/W	Issue No.	43 (cont)
I M End	2.59	Issue Type +	Ma	Location *	



Photo 3 of 3: FA_2019_RD0349_205_43_20190826_00034.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	2.64	Rating **	С	Issue No.		94	
LM End	2.72	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start			End	
Item	Vegetation			38.2726	30°	38.271618°	
пеш				-121.5892	92°	-121.589800 °	
DWR ID	DWR_RD0	349_02_s _ 201	9_94				
Comment Code							
V2 : Remove the wild growth other than native grasses from the levee							

slopes.

Inspector Comment

No Photos

No Photos

LM Start	2.78	Rating **	M	Issue No.		95
LM End	2.78	Issue Type +	Ma	Location *		WS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory	tegory					End
Item	Vegetation			38.2707	95°	38.270795 °
ILEIII				-121.5899	48°	-121.589948°
DWR ID	DWR_RD0	349_02_s _ 201	9_95			

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

LM Start	2.89	Rating **	U	Issue No.		96
LM End	2.89	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End
Item	Vegetatio	n		38.2691	62°	38.269162°
item				-121.5896	70°	-121.589670°
DWR ID	WR ID DWR_RD0349_02_s _ 2019_96					·
Comment Code						

Comment Code V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

* Location

LS : Land Side N/A : Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	2.96	Rating **	С	Issue No.		97
LM End	2.98	Issue Type +	Ма	Location *	WS	
Category Earthen Levee			GPS Latitude/Longitude			
Category			Start		End	
Item	Vegetation			38.268310 °		38.268012 °
пеш				-121.58916	88°	-121.588963 °
DWR ID	DWR ID DWR_RD0349_02_s _ 2019_97					
Comment Code						
V2 : Remo	ve the wild	d arowth other	than na	tive grasses	fro	m the levee

slopes.

Inspector Comment

Rating ** С Issue No. 3.04 LM Start 98 3.06 Issue Type + Location * WS LM End Ma Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.267268° 38.266925 Item -121.588575° -121.588427° DWR_RD0349_02_s _ 2019_98 DWR ID

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Wild growth is blocking the view down the waterside slope.

No Photos

No Photos

Rating ** Issue No. LM Start 3.06 99 3.06 Issue Type + Ma Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 38.266925° 38.266925° Item -121.588427° -121.588427 ° DWR ID DWR_RD0349_02_s _ 2019_99

Comment Code

TR: Tree or limb

Inspector Comment

No Photos

* Location

N/A: Not Applicable LS : Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

		D // ++	_				
LM Start	3.14	Rating **	С	Issue No.		100	
LM End	3.17	Issue Type +	Ma	Location *		WS	
Catagori Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetation			38.265735 °		° 38.265342 °	
item				-121.5883	80°	-121.588388 °	
DWR ID	DWR_RD0	349_02_s _ 201	9_100				
Comment Code							
V2 : Remo	V2 : Remove the wild growth other than native grasses from the levee						

slopes.

Inspector Comment

Photo 1 of 1: FA_2019_RD0349_205_101_20191025_00131.jpg

No Photos



View looking downstream at thick blackberries at the bottom of the landside slope (Fall 2019).

LM Start	3.16	Rating **	U	Issue No.		101
LM End	3.18	Issue Type +	Ма	Location *	LS	
Category Earthen Levee				GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetation			38.2655	57°	38.265143°
пеш				-121.5883	77°	-121.588403°
DWR ID	DWR_RD0	349_02_s _ 201	9_101			·
		Comn	nent Coc	de		
V2 : Remove the wild growth other than native grasses from the levee slopes.						
		1	🛆			

Inspector Comment

LM Start	3.24	Rating **	С	Issue No.		102	
LM End	3.28	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS La	atitud	e/Longitude	
Category	Category					End	
Item	Vegetatio	n		38.2643	12°	38.263712	0
пеш				-121.5884	80°	-121.588557	0
DWR ID DWR_RD0349_02_s _ 2019_102							
		Comn	nent Coc	łe			

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Wild growth is blocking the view down waterside slope.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	3.29	Rating **	М	Issue No.		62	
LM End	3.60	Issue Type +	Ma	Location *		LS	
Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetatio	n		38.2635	94°	38.262449	0
item				-121.5886	29°	-121.593726	0
DWR ID DWR_RD0349_02_f _ 2018_62							

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove thick berry vines that completely block inspection and access to toe.

Photo 1 of 1 : FA_2019_RD0349_205_62_20191025_00132.jpg



View looking downstream at thick blackeberries on the bottom of the landside slope (Fall 2019).

LM Start	3.38	Rating **	М	Issue No.		23		
LM End	3.49	Issue Type +	Ma	Location *	WS			
Category			GPS Latitude/Longitude					
Category	liegory					End		
Item	2017 USACE Erosion Survey			38.26251	10°	38.262533°		
пеш			-121.58948	31 °	-121.591690°			
DWR ID	DWR ID DWR_RD0349_02_f _ 2018_23							
	Comment Code							

Inspector Comment

2017 Site ID: STM 22.8 R

Status: Eroding

slopes

2017 Field Notes: No observed change.

Site History: 2010 - Slumping sections on the lower bank, appears to be scouring around the trees. 2011 - Soil beach at toe.

Photo 1 of 1	: FA_2019	_KD0349_20	5_23_20190	1826_00007.jpg
				17.7



USACE 2013 Photo #1

LM Start	3.64	Rating **	U	Issue No.	104		
LM End	3.67	Issue Type +	Ма	Location *	WS		
Category	evee	GPS La	tituc	le/Longitude			
Category			Start		End		
Item	Vegetatio	n		38.26206	88°	38.261835 °	
пеш				-121.59428	33°	-121.594553 °	
DWR ID DWR_RD0349_02_s _ 2019_104							
Comment Code							

V2 : Remove the wild growth other than native grasses from the levee

Inspector Comment

Wild growth is blocking the view down the waterside slope.

Photo 1 of 1: FA_2019_RD0349_205_104_20190826_00063.jpg



View looking downstream at wild growth on the waterside slope (Spring 2019).

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

							Ξ
LM Start	3.81	Rating **	М	Issue No.		85	
LM End	3.99	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Animal Co	38.2598	882°	38.257252	٥		
пеш				-121.595245 °		-121.595403	٥
DWR ID	DWR_RD0	349_02_f _ 201	9_85				
		Comn	nent Coo	de			
A1 : Extern	ninate rod	ents and back	fill and c	compact or	grou	it burrows.	
Inspector Comment							
Exterminate the rodents from the levee section.							

No Photos

LM Start	3.93	Rating **	М	Issue No.	31		
LM End	4.31	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	titud	le/Longitude	
Calegory			Start		End		
Item	Vegetation			38.25816	65°	38.254680°	
item				-121.59514	43 °	-121.599793°	
DWR ID DWR_RD0349_02_f _ 2018_31							
	Comment Code						

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove black berries and control vegetation all the way down to the landside toe.

Photo 1 of 1 : FA_2019_RD0349_205_31_20190826_00015.jpg



View looking downstream of vegetation part way down the landside slope (November 2018).

LM Start	4.09	Rating **	М	Issue No.	35			
LM End	4.09	Issue Type +	Ма	Location *	WS			
Category	GPS La	atitud	e/Longitude					
Category			Start		End			
Item	Slope Sta	bility		38.2560	65 °	38.256065	0	
пеш				-121.5963	05 °	-121.596305	0	
DWR ID DWR_RD0349_02_f _ 2018_35								
	Comment Code							

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

A foot path is beginning to dig into the waterside slope.

Photo 1 of 1: FA_2019_RD0349_205_35_20190826_00019.jpg



View of footpath going down the waterside slope (November 2018).

* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
U: Unacceptable
AW: Acceptable
AW: Acceptable but Monitor & Maintain

** Rating
A: Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	10/23/2019 10/23/2019	David Julian

LM Start	4.28	Rating **	U	Issue No.		30	
LM End	4.33	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Vegetatio	n		38.2548	02°	38.254882 °	
item				-121.5993	82°	-121.600150 °	
DWR ID	DWR ID DWR_RD0349_02_f _ 2018_30						
		Comn	nent Cod	de			
V2 : Remo	ove the wild	d growth other	than na	tive grasse	s fro	m the levee	
		Inspecto	or Comm	nent			



View of arundo on the waterside slope (November 2018).

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

CR : Crown

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	0.02	Rating **	U	Issue No.		34							
LM End	0.21	Issue Type +	Ма	Location *		LS							
Category	evee	GPS Latitude/Longitude											
Calegory	egory					End							
Item	Vegetatio	n		38.2550	25 °	38.257803°							
пеш				-121.6000	78°	-121.599805°							
DWR ID DWR_RD0349_03_s _ 2019_34													
		Comn	nent Cod	de		Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



View looking upstream at vegetation on the landside slope (Fall 2019).

LM Start	0.21	Rating **	С	Issue No.		38	
LM End	0.21	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee	GPS La	titud	le/Longitude		
Calegory			Start		End		
Item	Vegetation			38.2577	40°	38.257740°	
item				-121.5997	78°	-121.599778°	
DWR ID DWR_RD0349_03_s _ 2019_38							
Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	0.42	Rating **	М	Issue No.	32		
LM End	0.77	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			38.2607	62°	38.265662°	
пеш				-121.6005	13 °	-121.601642°	
DWR ID	DWR_RD0349_03_f _ 2019_32						
Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	0.76	Rating **	U	Issue No.		8	
LM End	0.76	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Trim / Thin Trees			38.2656	37°	38.265637°	
пеш				-121.6016	40°	-121.601640°	
DWR ID	DWR_RD0349_03_f _ 2017_8						

Comment Code
T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim large fig tree to allow visibility and access to landside levee slope.



View looking upstream at fig tree on the landside slope (Fall 2019).

LM Start	0.78	Rating **	С	Issue No.		9	
LM End	0.78	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Encroachments			38.2659	18°	38.265918°	
item				-121.6017	36°	-121.601736°	
DWR ID	DWR_RD0349_03_f _ 2017_9						

Comment Code

TR: Tree or limb

Inspector Comment

Clear fallen branches from waterside slope and crown road.

No Photos

	LM Start	0.80	Rating **	М	Issue No.		67	
	LM End	0.80	Issue Type +	Ma	Location *	LS		
	Category	Earthen Levee			GPS Latitude/Longitude			
					Start		End	
	Item	Encroach	ments		38.2662	01°	38.266201	0
item				-121.6018	32°	-121.601832	0	
	DWR ID	DWR RD0						

Comment Code

TR : Tree or limb

Inspector Comment

Trees and limbs on landside shoulder and slope need to be cleared out to allow inspection and access.

Photo 1 of 1 : FA_2019_RD0349_206_67_20190826_00017.jpg



View of down tree on the land side shoulder (November 2018).

* Location

LS : Land Side N/A : Not Applicable

WS : Water Side

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	0.91	Rating **	M	Issue No.		33	
LM End	1.02	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
ltom	Vegetation			38.267658 °		38.269152 °	
пеш			-121.602513°		-121.603277°		
DWR ID	DWR_RD0349_03_f _ 2019_33						
		Comn	nent Cod	de			
V1 : Contre easements		rass and wee	ds on th	e levee slop	oes a	and	
		Inspecto	or Comm	nent			
						-	

No Photos

LM Start	1.11	Rating **	U	Issue No.		51
LM End	1.13	Issue Type +	Ma	Location *	LS	
Catagory	Category Earthen Levee					e/Longitude
Category				Start		End
Item	Trim / Thin Trees			38.2704	52°	38.270677°
пеш				-121.6035	87°	-121.603572°
DWR ID	DWR ID DWR_RD0349_03_f _ 2017_51					
		0		1.		

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment



View looking upstream at untrimmed trees on the landside slope (Fall 2019).

LM Start	1.25	Rating **	С	Issue No.	112		
LM End	1.25	Issue Type +	Ma	Location *		WS	
Category	Category Earthen Levee			GPS Latitude/Longitude			
Category				Start		End	
Item	Trim / Thin Trees			38.2724	23 °	38.272423 °	
пеш			-121.6031	15 °	-121.603115 °		
DWR ID	DWR_RD0	349_03_f _ 201	8_112				
	Comment Code						

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location

LS : Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	1.28	Rating **	М	Issue No.		111	
LM End	1.68	Issue Type +	Ma	Location *		LS	
Catagony	Category Earthen Levee			GPS Latitude/Longitude			
Category			Start		End		
Item	Vegetation			38.2727	77°	38.278175°	
пеш				-121.6028	55°	-121.600373 °	
DWR ID	DWR_RD0	349_03_f _ 201	8_111				
	Comment Code						

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	1.49	Rating **	С	Issue No.	71				
LM End	1.49	Issue Type +	Ma	Location *	LS				
Catagory	Category Earthen Levee					GPS Latitude/Longitude			
Calegory				Start		End			
Vegetation				38.27549	96°	38.275496°			
Item				-121.60127	73°	-121.601273°			
DWR ID	DWR ID DWR_RD0349_03_s _ 2018_71								
			. ^						

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	1.49	Rating **	M	Issue No.		70			
LM End	1.49	Issue Type +	Ma	Location *	WS				
Category	Earthen L	GPS Latitude/Longitude							
				Start		End			
Item	Vegetatio	n		38.2754	96°	38.275496	0		
				-121.6012	72 °	-121.601272	0		
DWR ID	DWR_RD0349_03_s _ 2018_70								
Comment Code									

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

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A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	1.54	Rating **	М	Issue No.	e No. 48		
LM End	1.60	Issue Type +	Ма	Location *	WS		
Catagony	Category Earthen Levee				GPS Latitude/Longitude		
Category				Start		End	
Item	Vegetation			38.2762	17°	38.277103	
item			-121.600940 °		-121.600643		
DWR ID	DWR_RD0349_03_s _ 2019_48						
Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

remove brush and properly maintain vegetation within 20 feet of the waterside shoulder.

Photo 1 of 1: FA_2019_RD0349_206_48_20190826_00010.jpg



View looking upstream at thick wild growth within 20 feet of the waterside shoulder (Spring 2019).

LM Start	1.67	Rating **	С	Issue No.		110		
LM End	1.67	Issue Type +	Ма	Location *	LS			
Category	Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End		
Item	Vegetation			38.2780	17°	38.278017°		
пеш				-121.6004	38°	-121.600438°		
DWR ID	DWR_RD0349_03_f _ 2018_110							
Comment Code								

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove vegetation all the way down the landside slope.

No Photos

LM Start	1.85	Rating **	M	Issue No.	50		
LM End	1.85	Issue Type +	Ma	Location *	LS		
Category	Earthen L	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Trim / Thin Trees			38.2805	83 °	38.280583	0
пеш				-121.6005	73 °	-121.600573	0
DWR ID	DWR_RD0349_03_s _ 2019_50						
		Comn	nent Coc	łe			

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

Location

LS: Land Side

WS: Water Side CR : Crown

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	1.86	Rating **	М	Issue No.	52		
LM End	2.85	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetation			38.28078	37°	38.293757°	
пеш				-121.6006	30°	-121.604132 °	
DWR ID DWR_RD0349_03_s _ 2019_52						·	
	Comment Code						

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

Rating ** С Issue No. 2.15 LM Start 53 Issue Type + Location * LS LM End 2.15 Ма Earthen Levee GPS Latitude/Longitude Category Start Fnd Vegetation 38.284168° 38.284168° Item -121.603580° -121.603580° DWR_RD0349_03_s _ 2019_53 DWR ID

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove blackberries from landside slope.

No Photos

Rating ** Issue No. LM Start 2.23 36 2.23 Issue Type + Ma Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.285110° 38.285110° Item -121.604543° -121.604543° DWR ID DWR_RD0349_03_f _ 2019_36

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

* Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	2.28	Rating **	M	Issue No.		37	
LM End	2.28	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.2857	28°	38.285728°	
пеш			-121.6048	67°	-121.604867°		
DWR ID	DWR_RD0	349_03_f _ 201	9_37				
		Comn	nent Cod	de			
V4 : Elderk	perries are	blocking visit	oility and	flood fight	сара	ability.	
	Inspector Comment						

No Photos

LM Start	2.57	Rating **	М	Issue No.		55	
LM End	2.57	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Calegory			Start		End	
Item	Trim / Thi	rim / Thin Trees			32 °	38.289782°	
пеш				-121.60329	98°	-121.603298°	
DWR ID DWR_RD0349_03_s _ 2019_55							
	Comment Code						

No Photos

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Remove broken limb from landside slope.

	LM Start	2.83	Rating **	М	Issue No.		35		
	LM End	2.97	Issue Type +	Ма	Location *		WS		
	Category	Earthen L	evee		GPS Latitude/Longitude				
	Calegory				Start		End		
	Trim / Thin Trees		38.2934	03°	38.295376	0			
	пеш				-121.6040	13 °	-121.604726	0	
DWR ID DWR_RD0349_03_s _ 2018_35				8_35					
	Comment Code								

No Photos

Inspector Comment

* Location

LS : Land Side WS: Water Side

N/A: Not Applicable

T1: Trim trees to at least five feet above ground level.

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	2.85	Rating **	U	Issue No.		64		
LM End	3.22	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory		Start		End				
Item	Vegetatio	n		38.2937	57°	38.298555°		
пеш				-121.6041	32°	-121.602853 °		
DWR ID	DWR ID DWR_RD0349_03_f _ 2019_64							
Comment Code								
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slop	oes a	and		

easements.

Inspector Comment



View looking upstream at vegetation on the landside slope (Fall 2019).

LM Start	3.40	Rating **	U	Issue No.		104
LM End	3.93	Issue Type + Ma		Location *		LS
Catagory	evee	GPS Latitude/Longitude				
Category				Start		End
Item	Vegetatio	n	38.3003	47°	38.307097°	
item				-121.6002	77 °	-121.596913°
DWR ID	DWR_RD0349_03_f _ 2019_104					

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View looking upstream at vegetation on the landside slope (Fall 2019).

LM Start	4.06	Rating **	U	Issue No.		79	
LM End	4.21	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee				GPS Latitude/Longitude		
Category				Start		End	
Item	Vegetatio	n		38.30889	98°	38.310578°	
пеш			-121.59770)3°	-121.597062°		
DWR ID	DWR RD0	349 03 f 201	9 79				

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View looking upstream at vegetation on the landside slope (Fall 2019).

Location

N/A: Not Applicable

LS: Land Side WS: Water Side CR : Crown

Monday, December 23, 2019 14:52

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	4.19	Rating **	М	Issue No.		102	
LM End	4.19	Issue Type +	Ма	Location *		LS	
Category	evee	GPS La	atitud	e/Longitude			
Category				Start		End	
Item	Encroachi	ments		38.3104	90°	38.310490°	
пеш				-121.5972	65 °	-121.597265 °	
DWR ID DWR_RD0349_03_f _ 2018_102							
		Comn	nent Cod	de			
TR : Tree	or limb						
Inspector Comment							
Remove tree from the landside slope.							

Photo 1 of 1: FA_2019_RD0349_206_102_20190826_00023.jpg

View of tree on the landside slope (November 2018).

LM Start	4.20	Rating **	М	Issue No.		78	
LM End	4.20	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start End			
Trim / Thin Trees				38.3105	28°	38.310528°	
Item			-121.5971	80°	-121.597180°		
DWR ID DWR_RD0349_03_f _ 2014_78							
Comment Code							

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Remove dead trees from levee section.

No Photos

LM Start	4.30	Rating **	U	Issue No.	80			
LM End	5.10	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start	End			
ltom	ltem Vegetation			38.3112	27°	38.321193	0	
пеш				-121.5955	47°	-121.589720	0	
DWR ID DWR_RD0349_03_f _ 2019_80								
Comment Code								

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View looking upstream at vegetation the landside slope (Fall 2019).

Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma: Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	4.52	Rating **	М	Issue No.		77	
LM End	4.52	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End	
Item	Trim / Thin Trees			38.3133	17°	38.313317°	
item				-121.5926	° 80	-121.592608°	
DWR ID	DWR_RD0	349_03_s _ 201	8_77				
		Comn	nent Cod	de			
T1: Trim t	rees to at l	east five feet	above g	round level			
	Inspector Comment						

No Photos

LM Start	4.56	Rating **	A/W	Issue No.		115		
LM End	4.68	Issue Type +	Ma	Location *		WS		
Category	ental	GPS Latitude/Longitude						
Calegory				Start End				
Item	2017 USACE Erosion Survey			38.3138	36°	38.315407°		
item			-121.5922	59°	-121.591433°			
DWR ID	DWR_RD0	349_03_f _ 201	8_115					

Inspector Comment

Comment Code

2017 Site ID: STR 26.5 L

Status: Eroding

2017 Field Notes: There appears soil under geotech fabric that appears to be failing but hard to tell.

Site History: 2002 - Original rock over geotextile is sliding off and the end is coming unraveled. 2003 - Some minor new erosion on the downstream end. 2004 - Site has gotten worse. Underlined geofabric is exposed. 2005 - Still looks bad with exposed geotextile fabric. 2006 - Still have some new unraveling and exposed fabric. Site lengthened upstream. 2009 - Minimal new erosion. 2010 - geotextile fabric placed since last year, possible flood fight. 2012 - Exposed geotech style fabric, assume rock on top slid off. 2015 - Erosion pockets covered with plastic.

Photo 1 of 1: FA_2019_RD0349_206_115_20190826_00027.jpg



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	4.92	Rating **	A/W	Issue No.	60							
LM End	5.57	Issue Type +	Ma	Location *	CR							
Category Earthen Levee				GPS Lat	itud	e/Longitude						
Category			Start		End							
Vegetation			38.31854	3°	38.325943 °							
пеш			-121.58956	7°	-121.584857°							
DWR ID	DWR_RD0	349_03_s _ 201	9_60									
		Comn	nent Coo	le								
V9 : Keep	V9: Keep the crown roadway free of vegetation.											
		Inspecto	or Comm	nent		Inspector Comment						

No Photos

LM Start	5.03	Rating **	С	Issue No.		98	
LM End	5.03	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start			
Vegetation				38.32006	88°	38.320068 °	
пеш			-121.58959	90°	-121.589590°		
DWR ID DWR_RD0349_03_f _ 2018_98							
Comment Code							

No Photos

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

LM Start	5.06	Rating **	М	Issue No.		59		
LM End	5.17	Issue Type +	Ma	Location *		WS		
Category				GPS Latitude/Longitude				
Calegory				Start		End		
Item	2017 USACE Erosion Survey			38.3205	00°	38.322216	0	
item				-121.589882 ° -121.59				
DWR ID	DWR_RD0	349_03_f _ 201	8_59					
		Comn	nent Cod	le				

No Photos

Inspector Comment

2017 Site ID: STR 26.9 R

Status: Eroding

2017 Field Notes: new erosion at toe. new erosion pocket at upstream

end.

Site History: 2015 - Large Tree popout and tall vertical sections into the

levee slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	5.10	Rating **	М	Issue No.		61
LM End	5.22	Issue Type +	Ma	Location *		LS
Earthen Levee				GPS L	atitud	e/Longitude
Category			Start		End	
ltem Encroachments			38.3211	30°	38.322715 °	
			-121.589678°		-121.589395 °	
DWR ID DWR_RD0349_03_s _ 2019_61						
		Comn	nent Co	de		
TR : Tree	or limb					
		Inanaat	or Comp	o o m t		
		inspeci	or Comn	ieni		
Remove fallen tree from the landside slope.						



View looking downstream at down tree on the landside slope (Spring 2019).

LM Start	5.20	Rating **	U	Issue No.		63
LM End	5.20	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS La	atitud	e/Longitude
				Start		End
Item	Vegetation			38.3225	62°	38.322562 °
item				-121.5896	18°	-121.589618 °
DWR ID	DWR_RD0	349_03_s _ 201	9_63			
		Comn	nent Cod	de		
V4 : Elderk	V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment						

No Photos

LM Start	5.39	Rating **	U	Issue No.		81
LM End	6.41	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Vegetatio	n		38.3236	13°	38.327862°
пеш				-121.586442 °		-121.578110°
DWR ID	DWR_RD0	349_03_f _ 201	9_81			
		Comn	nent Cod	de		
V1 : Contr	ol annual g	rass and wee	ds on th	e levee slop	pes a	and
easements	S.					
		Inspecto	or Comm	nent		



View looking upstream at vegetation on the landside slope (Fall 2019).

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable CR : C : Corrected

W : Not Inspected/Rated M : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	5.45	Rating **	U	Issue No.		82			
LM End	5.45	Issue Type +	Ma	Location *		LS			
Category	evee	GPS La	atitud	e/Longitude					
Calegory				Start		End			
Item	Vegetatio	n		38.3243	815°	38.324315°			
пеш				-121.5857	-121.585777°				
DWR ID	DWR_RD0	349_03_f _ 201	9_82						
		Comn	nent Cod	de					
V4 : Elderk	perries are	blocking visib	ility and	flood fight	сара	ability.			
		Inspecto	or Comm	nent					

No Photos

Rating ** Issue No. LM Start 5.48 U 83 Location * LS 5.48 Issue Type + Ма LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.324662° 38.324662° Item -121.585503 ° -121.585503 ° DWR ID DWR_RD0349_03_f _ 2019_83 Comment Code

No Photos

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

LM Start	5.59	Rating **	М	Issue No.		84		
LM End	5.59	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Category	Sategory					End		
Item	Vegetatio	n		38.3261	18°	38.326118 °		
itom				-121.5847	40°	-121.584740 °		
DWR ID	DWR_RD0	349_03_f _ 201	9_84					
	Comment Code							
V/4 · Eldor	orrioo oro	blooking vioit	sility and	flood fight	2000	hility		

No Photos

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

* Location

LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type
Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	5.59	Rating **	С	Issue No.		96			
LM End	5.61	Issue Type +	Ma	Location *		LS			
Cotogony	Earthen L	evee		GPS Latitude/Longitude					
Category				Start		End			
Item	Vegetatio	n		38.3261	27°	38.326387°			
пеш				-121.5847	13 °	-121.584670°			
DWR ID	DWR_RD0	349_03_f _ 201	8_96						
		Comn	nent Coc	de					
V2 : Remo slopes.	ve the wild	d growth other	than na	tive grasse	s fro	m the levee			
		Inspecto	or Comm	nent					

No Photos

LM Start	5.69	Rating **	С	Issue No.	62		
LM End	5.76	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory		Start		End			
Item	Vegetatio	n		38.3275	31°	38.328572°	
пеш				-121.5848	74°	-121.585393°	
DWR ID	ID DWR_RD0349_03_f _ 2017_62						
	Comment Code						

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	5.71	Rating **	М	Issue No.		95	
LM End	5.71	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS La	titud	le/Longitude	
Calegory		Start		End			
Item	Encroachi	ments		38.3278	28°	38.327828°	
item				-121.5849	60°	-121.584960 °	
DWR ID	DWR_RD0	349_03_f _ 201	8_95				
		Comn	nent Cod	de			
TR : Tree	or limb						
		Inspecto	or Comm	nent			
Remove down trees from the landside slope.							



View of down trees on the landside slope (November 2018).

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

LM Start	5.82	Rating **	М	Issue No.		85			
LM End	5.82	Issue Type +	Ma	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Vegetatio	n		38.3293	37°	38.329337°			
пеш		-121.585093 ° -121.585093							
DWR ID	DWR ID DWR_RD0349_03_f _ 2019_85								
		Comn	nent Cod	de					
V4 : Elderl	berries are	blocking visib	ility and	flood fight	сара	bility.			
		Inspecto	or Comm	nent					

No Photos

Rating ** Issue No. LM Start 5.95 Μ 86 Location * LS 5.95 Issue Type + Ма LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.331062° 38.331062° Item -121.584233 ° -121.584233 DWR ID DWR_RD0349_03_f _ 2019_86 Comment Code

No Photos

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

LM Start	6.21	Rating **	М	Issue No.	89			
LM End	6.21	Issue Type +	Ma	Location *		CR		
Category	evee	GPS La	atitud	e/Longitude				
Calegory		Start		End				
Item	Crown Su	ssions /	38.330172°		38.330172°			
item	Rutting			-121.580382 °		-121.580382°		
DWR ID	DWR_RD0	349_03_f _ 201	9_89					
		Comn	nent Coo	le				
C2 : Repai	ir depressi	ons or ruts in	the crow	n or slope.				
		Inspecto	or Comm	ent				

No Photos

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	10/23/2019 10/23/2019	David Julian

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

CR: Crown

le A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence
En : Enforcement

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